

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/552,064
				Filing Date	October 4, 2005
				First Named Inventor	Oliver SHADT et al.
				Group Art Unit	1624
				Examiner Name	Noble E. Jarrell
Sheet	1	of	4	Attorney Docket Number	MERCK-3067

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	A1	2004/0034083		Stephenson et al.	02-19-2004
	A2	2002/0091116		Zhu et al.	07-2002
	A3	2006/0264419		Schiemann et al.	11-2006
	A4	4,258,047		Gante et al.	03-24-1981
	A5	3,926,999		Poetsch, Eike	12-16-1975
	A6	6,150,393		Poetsch, Eike	11-21-2000
	A7	6,043,261		Hansen Jr. et al.	03-28-2000
	A8	4,146,721		BYK GULDEN LOMBERG	03-27-1979
	A9	2006/0276650		Schadt et al.	12-7-2006
	A10	2007/0105871		Schiemann et al.	5-10-2007
	A11	7,368,576		Momose et al.	05-06-2008
	A12	6,090,807		Hellendahl et al.	07-18-2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
	B1	WO	03088958	A2	Stephenson et al.	10-30-2003
	B2	WO	0132626	A1	Gaster et al.	05-10-2001
	B3	WO	98031227	A1	Xiang et al.	07-23-1998
	B4	WO	03031345	A1	NinoLakis, Markos	04-17-2003
	B5	WO	03031435	A1	Schiemann et al.	04-17-2003
	B6	DE	2906252	A1	Gante et al.	08-28-1980
	B7	DE	2201889	A1	Poetsch, Eike	07-19-1973
	B8	WO	01/29008	A	Behan et al.	04-26-2001
	B9	WO	96/33175	A	Hansen et al.	10-24-1996
	B10	DE	21 41 125	A1	Rainer et al.	02-24-1972
	B11	WO	03/099793	A1	Maekawa et al.	12-04-2003
	B12	WO	2004/024705	A1	Momose et al.	03-25-2004
	B13	WO	2004/037248	A2	Huck et al.	05-06-2004
	B14	DE	2258033	A1	Hadamik et al.	05-30-1974

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the

patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

4

Complete if Known

Application Number	10/552,064
Filing Date	October 4, 2005
First Named Inventor	Oliver SCHADT et al.
Group Art Unit	1624
Examiner Name	Noble E. Jarrell

Attorney Docket Number

MERCK-3067

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Ross et al. Expert Opinion On Therapeutic Patents, 2003, 13(10), 1491-99.	
	C2	DATABASE BEILSTEIN "ONLINE - BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; JUNE 27, 1988, XP002283830.	
	C3	Vippagunta et al. Advanced Drug Delivery Reviews, 2001, 48, 3-26.	
	C4	TAKEHITO OCHI ET AL.: "FR143166 ATTENUATES SPINAL PAIN TRANSMISSION THROUGH ACTIVATION OF THE SEROTONIN SYSTEM" EUROPEAN JOURNAL OF PHARMACOLOGY, Bd. 452, 2002, Pages 319-324, XP002284473, The Entire Document.	
	C5	YOSHIKO SUZUKI ET AL: "IN VITRO AND IN VIVO PHARMACOLOGICAL PROFILE OF 4-(4-FLUOROBENZYLIDENE)-1-{2'-5-(4-FLUOROPHENYL)-1H-PYRAZOL-4-YL}ETHYL PIPERIDINE (NRA0161)" LIFE SCIENCES, Bd. 71, 2002, pages 2603-2615, XP002284474, The Entire Document.	
	C6	KATRITZKY ET AL: "1,3-DIPOLEAR CYCLOADDITIONS OF ELECTRON-RICH BENZOTRIAZOL-1-YLPROPENES" J. HETEROCYCLIC CHEM., Bd. 33, 1996, Pages 1637-1646, XP002284475, Figure 28, Pages. 1640.	
	C7	PEREZ ET AL: "AN EASY METHOD FOR THE N-ALKYLATION OF AMIDES, CARBAMATES, UREAS AND AZOLES..." HETEROCYCLES, Bd. 60, Nr. 1, 25 November 2002, Pages 167-175, XP002284476, Figures 10,11 and 12, Pages 168 and 173.	
	C8	O'BRIAN ET AL: "SOME REACTIONS OF 3-HYDROXY-1-PHENYL PYRAZOLE" J. ORG. CHEM., Bd.31, 1966, Pages 1538-1542, XP002284477, The Entire Document.	
	C9	DATABASE CHEMABS 'ONLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1960, GRANBERG, I.I. ET AL: "PYRAZOLES. XII. HYDROXY-AND CHLOROMETHYLATION OF 1-SUBSTITUTED PYRAZOLES" XP002284480, FOUND IN STN, DATABASE ACCESSION NO. 1961:99421, SUMMARY & ZHURNAL OBSHCHEI KHIMII, 30, 3324-8; CODEN: ZOKHA4; ISSN: 0044-460X, 1960.	
	C10	DATABASE BEILSTEIN; BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 29 NOVEMBER 1988; XP002284481, DATABASE ACCESSION NO. BRN 1127514 CAS-RN; 35000-58-9/ SUMMARY & DORN ET AL: J. PRAKT. CHEM., Bd. 313, 1971, Pages 236-246.	
	C11	BEBERNITZ ET AL.: "THE EFFECT OF 1,3-DIARYL-1H-PYRAZOL-4-ACETAMIDES ON GLUCOSE UTILIZATION IN OB/OB MICE" J. MED. CHEM., Bd. 44, Nr. 16, 2001, PAGES 2601-2611, XP002284478; SCHEMA 1, METHODE A, STRUKTUREN 2-5, REAKTIONEN A AND B.	
	C12	ECHEVARRIA ET AL: RESEARCH IN THE AZOLE SERIES. 102 '1!. SYNTHESIS AND ¹³ C NMR STUDY OF PYRAZOLE-4-CARBOXALDEHYDES: J. HETEROCYCLIC CHEM., Bd. 30, 1993, PAGES 957-960, XP002284479, FORMULA 19, PAGE 957.	
	C13	DATABASE BEILSTEIN, BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 24 JANUARY 2002, XP002284482, DATABASE ACCESSION NO. BRN 8913586 & BRATENKO ET AL: RUSS. J. ORG. CHEM. EN, Bd. 37, Nr. 4, 2001, PAGES 552-555.	

Examiner Signature

Date Considered

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

4

of

4

Complete if Known

Application Number	10/552,064
Filing Date	October 4, 2005
First Named Inventor	Oliver SCHADT et al.
Group Art Unit	1624
Examiner Name	Noble E. Jarrell

Attorney Docket Number

MERCK-3067

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C14	Caramella, et al., Heterocycles, Vol. 40, No. 2, 1995, pgs. 515-520.	
	C16	Non-Final Rejection dated August 25, 2008 – U.S. Application No. 10/552,065 filed October 5, 2005 (Publication No. 2006/0264419 A1)	
	C17	Non-Final Rejection dated November 20, 2007 – U.S. Application No. 10/551,998 filed October 5, 2006 (Publication No. 2007/0105871 A1)	
	C18	Final Rejection dated August 7, 2008 – U.S. Application No. 10/551,998 filed October 5, 2006 (Publication No. 2007/0105871 A1)	
	C19	Non-Final Rejection dated January 22, 2008 – U.S. Application No. 10/551,905 filed October 5, 2005 (Publication No. 2006/0276650 A1)	
	C20	Final Rejection dated August 8, 2008 – U.S. Application No. 10/551,905 filed October 5, 2005 (Publication No. 2006/0276650 A1)	
	C21	Non-Final Rejection dated March 12, 2009 – U.S. Application No. 10/551,905 filed October 5, 2005 (Publication No. 2006/0276650 A1)	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

